

Application No. 09/933,743  
Preliminary Amendment dated 16 October 2003

Our File: C598 0001  
GNM//NPT/npt

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Appl. No.: 09/933,743  
Applicant: CADEX Electronics Inc.  
Inventor(s): TINNEMEYER, Joern  
Filed: 22 August 2001  
Title: FUZZY LOGIC METHOD AND APPARATUS FOR BATTERY STATE  
OF HEALTH DETERMINATION  
Date: October 16, 2003  
Our File: C598 0001

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir or Madam:

**PRELIMINARY AMENDMENT**

Preliminary to the Examination of this application, please amend this application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 6 of this paper.

Remarks begin on page 15 of this paper.

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10/21/2003 EHALL1 00000001 021037 09933743  
01 FC:2202 36.00 DA  
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**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on 16 October, 2003.

Christine Crawford - Secretary to Gavin N. Manning

File No.:C598 0001  
GNM/cc

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing in regard to the patent application of:

Inventor(s): TINNEMEYER, Joern  
 Title: FUZZY LOGIC METHOD AND APPARATUS FOR BATTERY STATE  
           OF HEALTH DETERMINATION  
 Serial No.: 09/933743  
 Filed: 22 August 2001  
 Date: 16 October 2003

Enclosed are:

- Preliminary Amendment.  
 Applicant is a small entity.

CLAIMS AS AMENDED					
For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims (> 20)	20	16	4	\$18.00	\$ 72.00
Indep. Claims (> 3)	1	0	1	\$86.00	\$ 86.00
Multiple Dep. Claims	0	0	0	\$280.00	\$ 0.00
					\$158.00
<b>TOTAL FEES</b>					<b>\$ 79.00</b>
<i>Reduction by 50% for filing by small entity (Note 37 CFR 1.27)</i>					<b>\$ 79.00</b>
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$ 79.00</b>

36.00 0.00

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[X] The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 02-1037.

Respectfully submitted,  
OYEN WIGGS GREEN & MUTALA

By:

Gavin N. Manning  
Registration No. 36,412

Date: 16 October 2003

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